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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/773,131	02/05/2004	Hunter Jaw	CFP-2181-1 (15722/551CIP)	5085
23595	7590	08/05/2005	EXAMINER	
NIKOLAI & MERSEREAU, P.A. 900 SECOND AVENUE SOUTH SUITE 820 MINNEAPOLIS, MN 55402			COLE, ELIZABETH M	
			ART UNIT	PAPER NUMBER
			1771	
DATE MAILED: 08/05/2005				

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/773,131

Applicant(s)

JAW, HUNTER

Examiner

Elizabeth M. Cole

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-5 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-5 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

1. The amendment filed 7/9/04 is objected to under 35 U.S.C. 132(a) because it introduces new matter into the disclosure. 35 U.S.C. 132(a) states that no amendment shall introduce new matter into the disclosure of the invention. The added material which is not supported by the original disclosure is as follows: the amendments changing "coating" to "surface layer" throughout pages 1-3 is new matter since a coating is not always a surface layer, in that other layers can be on top of the coating. The amendment changing "cloth" to "PU" at page 2 is new matter. The amendment to page 3 adding the line "The surface layer 10 is made PU" is new matter.
2. Applicant is required to cancel the new matter in the reply to this Office Action.
3. Claims 1-5 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. In claim 1, there is no support in the specification as originally filed for a surface layer of PU. Further, there is no support for the limitation that the adhesive is a thermoplastic gel or that the bonding points are adhesive bonds.
4. Claims 3 and 4 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention. The specification does not teach how adhesive bonds and specifically thermoplastic gel adhesive bonds are formed between the two layers. The specification

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teaches forming the two layers by coating one layer on the other, but does not teach how the adhesive bonds are provided.

5. Claims 1-5 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. In claim 1 it is not clear what is meant by PU. For examination purposes it will be assumed this refers to polyurethane but the complete word should be spelled out. In claims 2 and 4, there is not antecedent basis for the recitation of "the cloth".

6. The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. See *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and, *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent is shown to be commonly owned with this application. See 37 CFR 1.130(b).

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

7. Claims 1-5 are rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-5 of U.S. Patent No. 6,720,062. Although the conflicting claims are not identical, they are not patentably distinct from each other because each discloses a grip structure for a racket comprising a surface layer of polyurethane material bonded to a substrate layer by a plurality of bonding points which inhibit the infiltration of water from the substrate to the polyurethane layer.

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8. Claims 1-5 are provisionally rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-3 of copending Application No. 10/812,272. Although the conflicting claims are not identical, they are not patentably distinct from each other because discloses a grip structure for a racket comprising a surface layer of polyurethane and a substrate layer which are bonded by a plurality of point bonds which inhibit the infiltration of water from the substrate to the polyurethane layer.

This is a provisional obviousness-type double patenting rejection because the conflicting claims have not in fact been patented.

9. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

10. Claims 1-3, 5 are rejected under 35 U.S.C. 102(b) as being anticipated by Mark et al, U.S. Patent No. 5,932,056. Mark et al discloses a laminate comprising a leather layer which is bonded to a spandex, (i.e. elastomeric polyurethane), fabric. The fabric can be woven or nonwoven. See col. 3, line 58 – col. 4, line 45. A discontinuous adhesive can be used. See col. 6, lines 11-21. Thermoplastic adhesives can be used. See col. 7, lines 14-19. With regard to the limitation that the bonding points obstruct movement of water from one layer to another when the laminate is subject to pressure, since the discontinuous adhesive is used to allow water to move between the layers where the adhesive is not applied, the adhesive would necessarily obstruct water

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movement at the points where it is disposed. The recitation that the material is a grip structure is found only in the preamble and therefore does not breath life and meaning into the claim since the claimed structure is completely set forth in the body of the claim.

11. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

12. Claim 4 is rejected under 35 U.S.C. 103(a) as being unpatentable over Mark et al, U.S. Patent No. 5,932,056 in view of Pole et al, U.S. Patent No. 4,240,860. Mark et al discloses a laminate as set forth above. Mark et al differs from the claimed invention because while Mark et al discloses a latex adhesive it does not disclose employing a gel adhesive. Pole et al teaches that incorporating a gelling agent into a latex adhesive increases the bond strength development of the adhesive. See col. 1 lines 25-34. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to have incorporated a gelling agent into the adhesive of Mark et al as taught by Pole, motivated by the expectation that this would enhance the bond strength of the laminate.

13. Claim 1 rejected under 35 U.S.C. 102(b) as being anticipated by JP 59096952. JP '952 discloses two layers of polyurethane foam which are discontinuously bonded to each other. The bond points would necessarily obstruct water from moving between the

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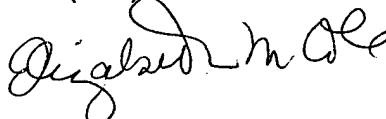
layers due to the presence of the bonds. The recitation that the material is a grip structure is found only in the preamble and therefore does not breath life and meaning into the claim since the claimed structure is completely set forth in the body of the claim.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Elizabeth M. Cole whose telephone number is (571) 272-1475. The examiner may be reached between 6:30 AM and 6:00 PM Monday through Wednesday, and 6:30 AM and 2 PM on Thursday.

Mr. Terrel Morris, the examiner's supervisor, may be reached at (571) 272-1478.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

The fax number for all official faxes is (571) 273-8300.



Elizabeth M. Cole
Primary Examiner
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e.m.c